

FIG. 1C

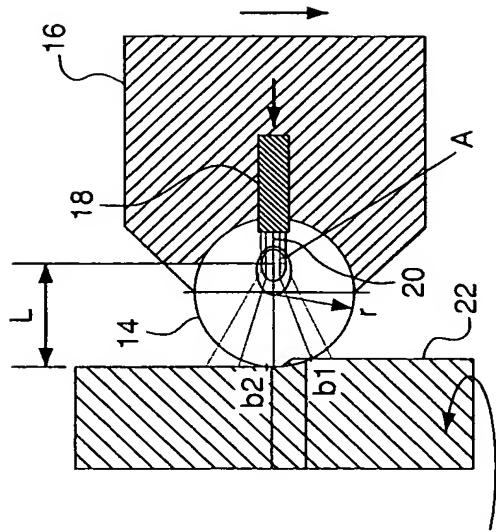


FIG. 1B

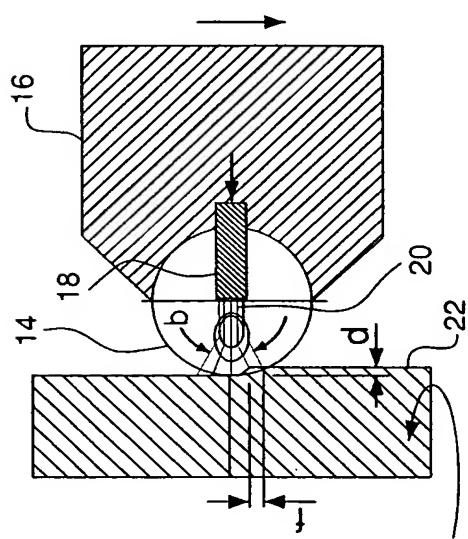
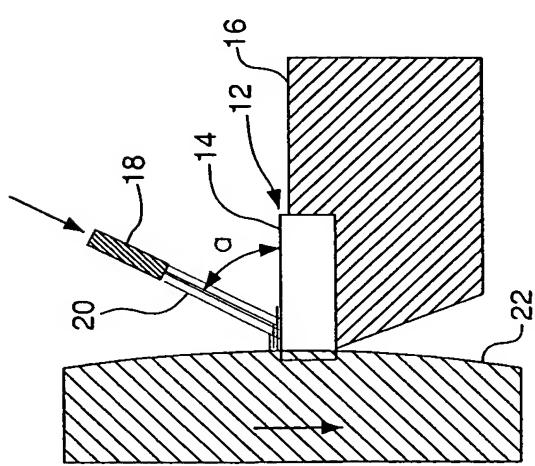


FIG. 1A



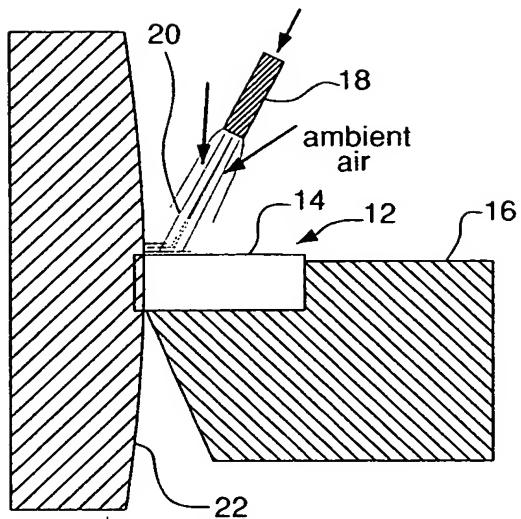


FIG. 2A

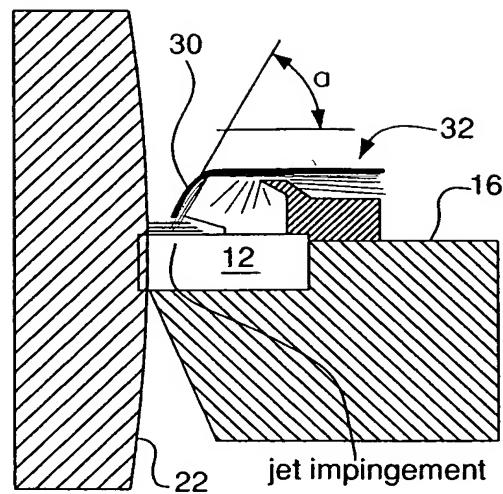


FIG. 2C

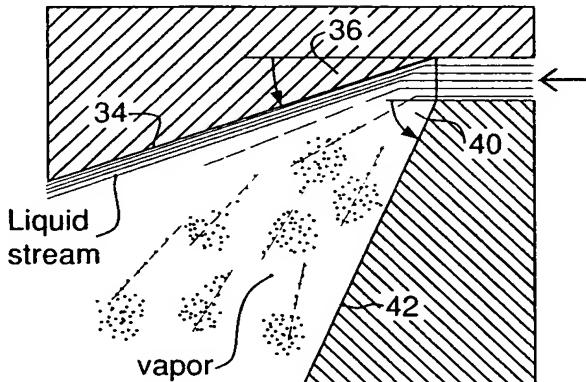


FIG. 2B

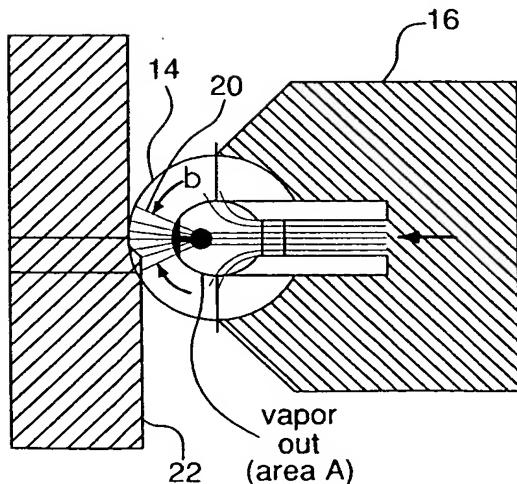


FIG. 2D

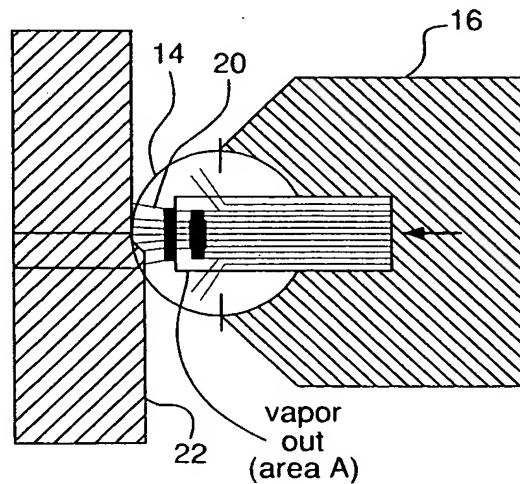
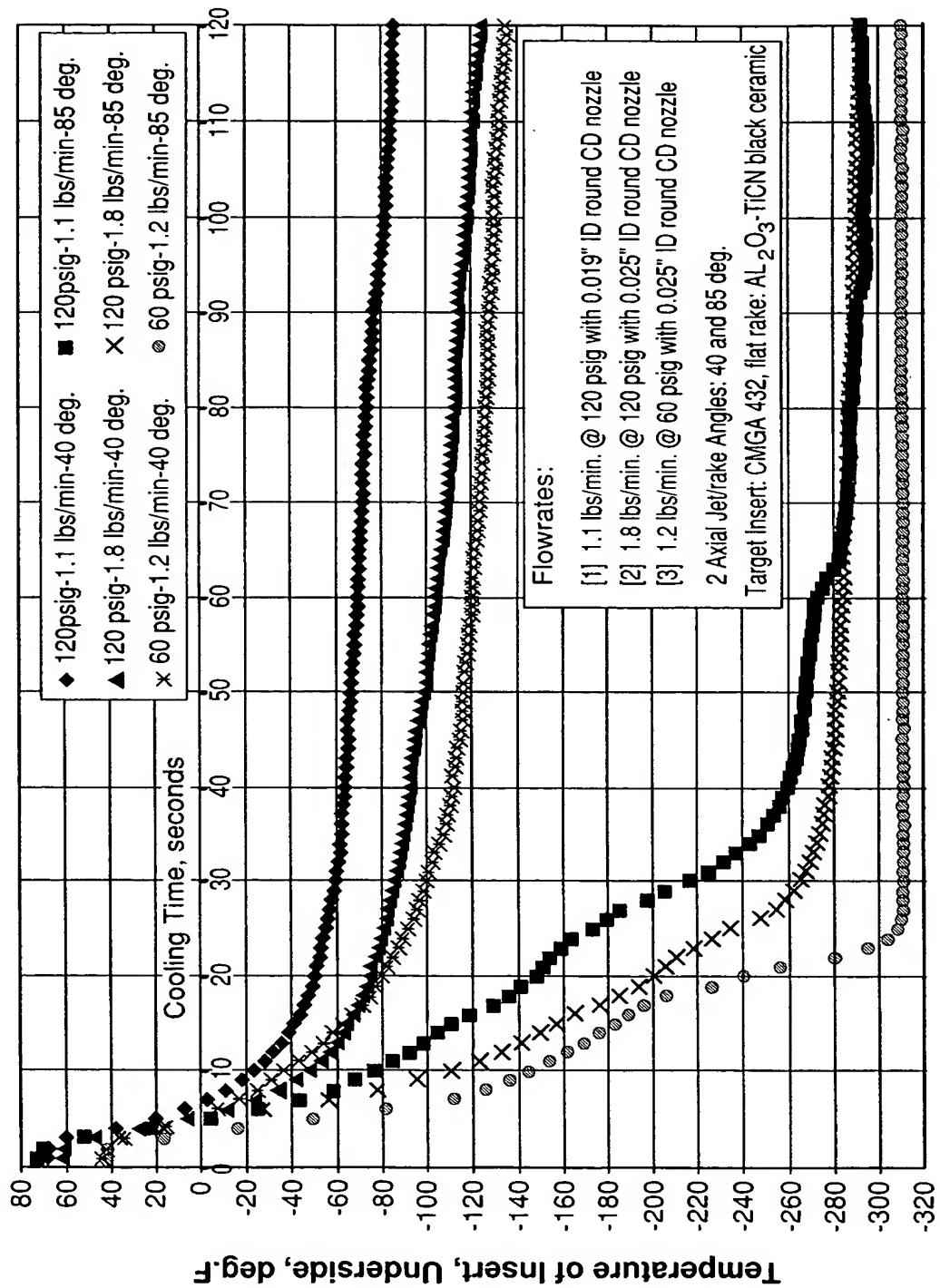


FIG. 2E

FIG. 3



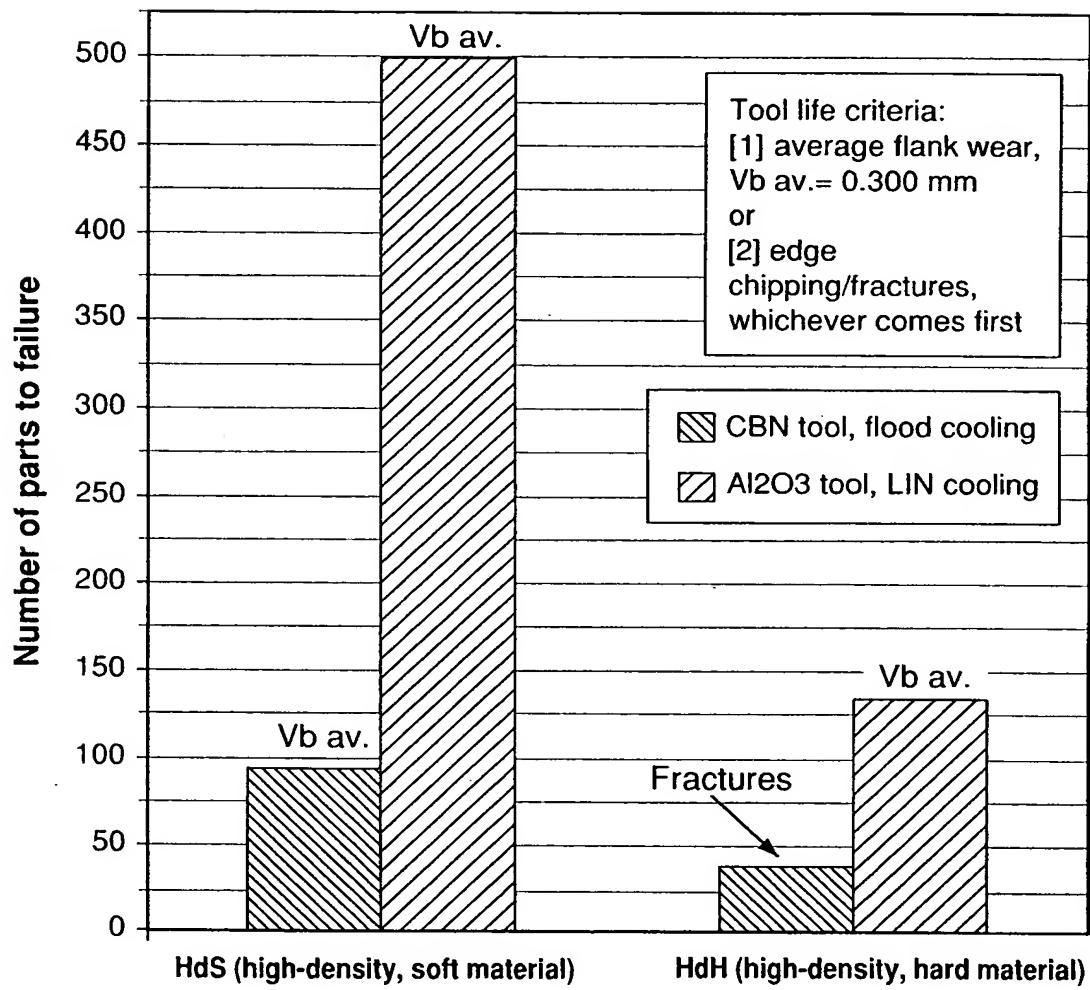


FIG. 4

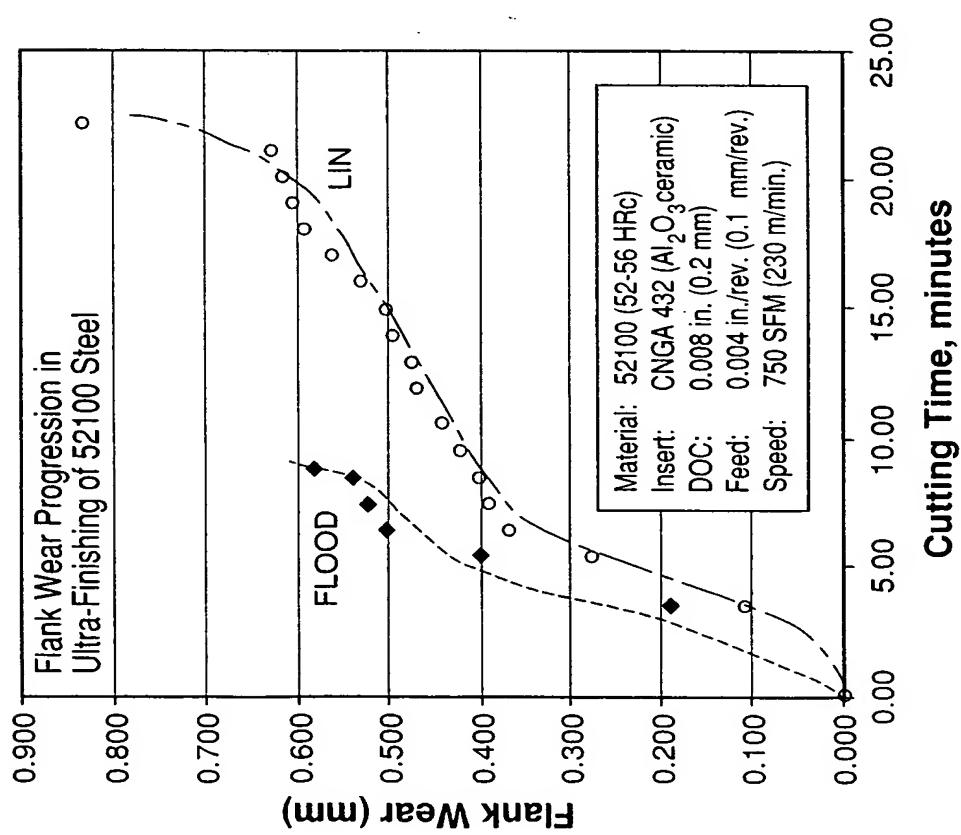


FIG. 5A

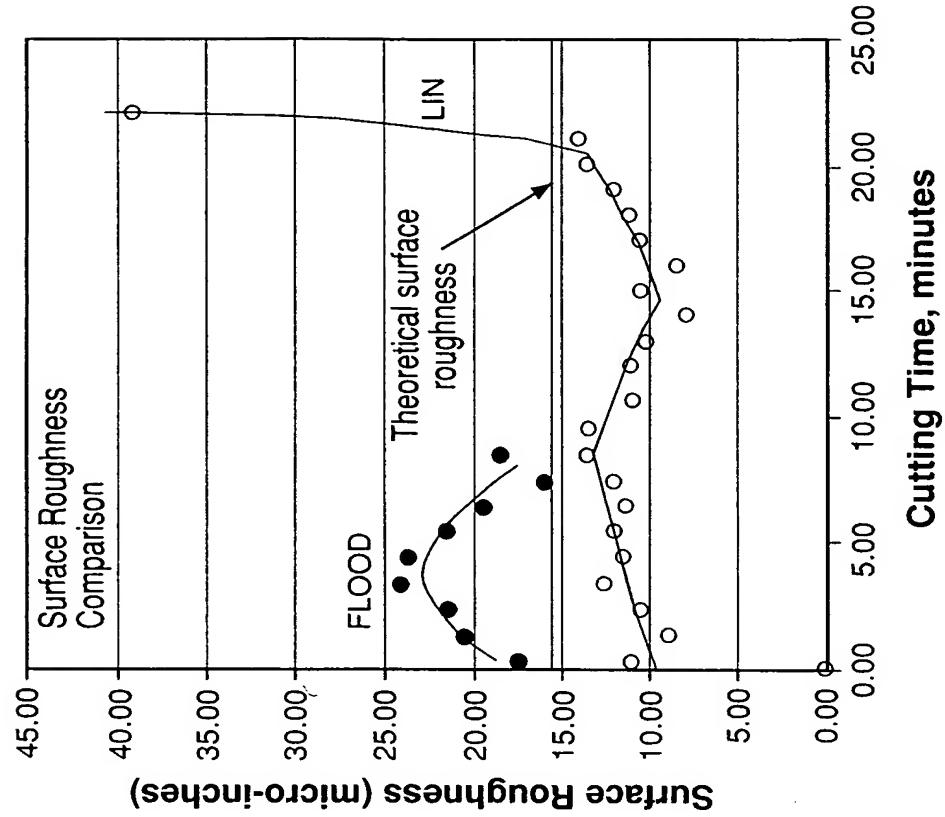


FIG. 5B

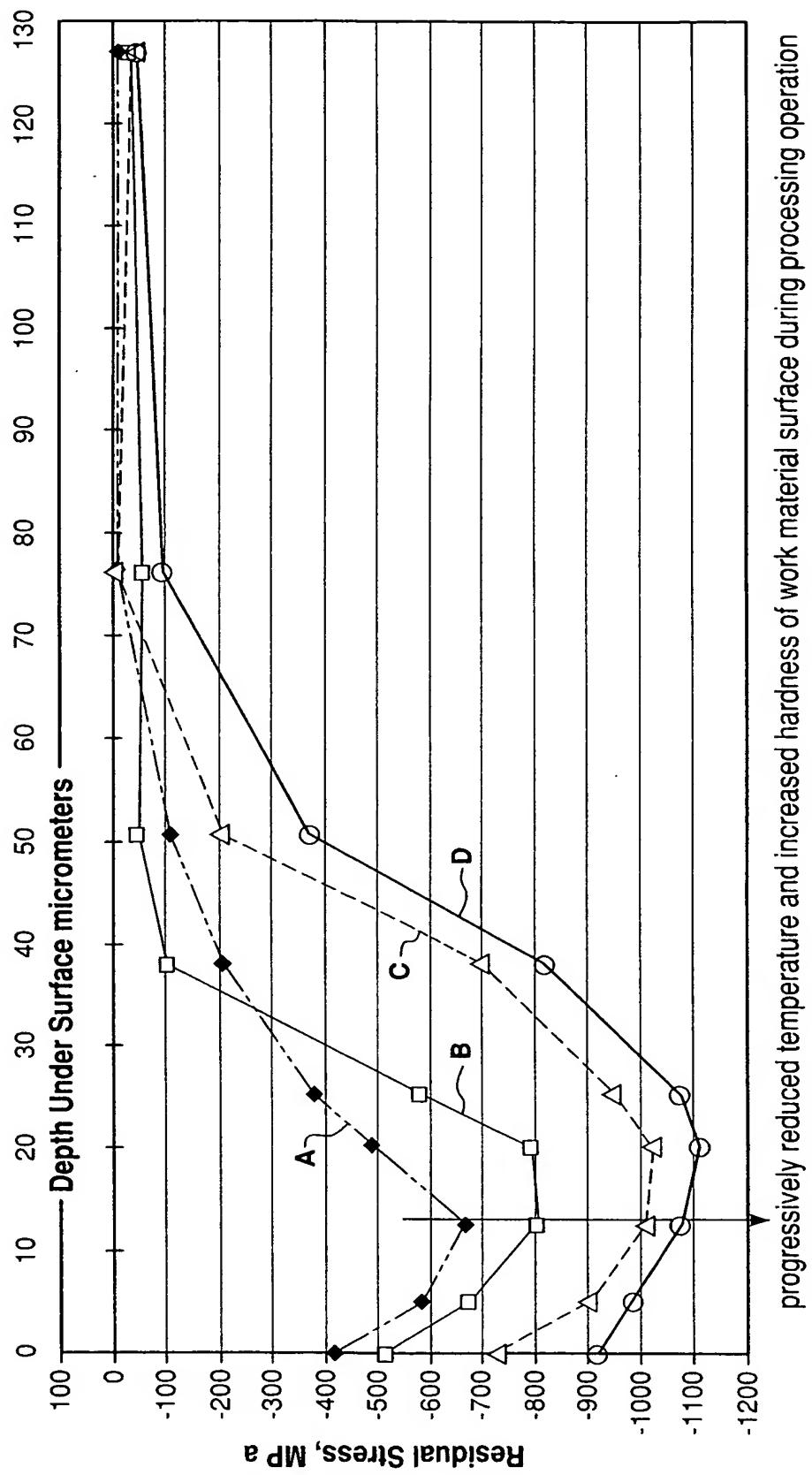


FIG. 6

progressively reduced temperature and increased hardness of work material surface during processing operation